

### Dog Alopecia Protocol

For dogs noted for having patches of hair loss, appear “moth-eaten” or have other suspicious hair loss.

#### 1. Skin Scrape Test

- a. Pinch/squeeze the hairless skin between your fingers for a 3-5 seconds (this will push demodex mites from the hair follicle to the surface of the skin). Scrape skin with dull #10 blade until skin bleeds lightly. Place blade contents on microscope slide with a drop of mineral oil. View under microscope set to 10X.
- b. If Demodex +
  - i. Bravecto orally
  - ii. Not contagious
- c. If Sarcoptic mange +
  - i. Treat with:
    - Nexgard once OR
      - a. no longer contagious after 48 hours
    - Bravecto once OR
      - a. Place pop-up in SL for when next flea prevention will be due
    - Topical Revolution q2 weeks x 2 doses OR
    - Ivermectin 1% 0.027ml/lb PO q7 days x 6 weeks
  - ii. Not contagious after 2 weeks or when no longer itchy
  - iii. Discuss findings with all involved due to zoonotic potential
    - Notify staff for signage and handling precautions.
  - iv. Littermates/cagemates should be treated with Revolution (or similar med) and treated as exposed. No need to separate from positive.
- d. If skin scrape negative go to Step #2.

#### 2. Pinnal-Pedal Reflex Test

- a. Vigorously rub the lower ear flap between thumb and forefinger. If this elicits a hind leg scratch reflex, consider positive for sarcoptic mange.
- b. If skin scrape AND pinnal-pedal test negative, go to Step #3

#### 3. Ringworm/Woods Lamp Test

- a. Hair loss is typically patchy, circular, crusted.
- b. If positive then follow ringworm protocol
  - i. 4-8 weeks old - lime dip spot treatment only
  - ii. >8 wks old - Terbinafine and Lime Dip
- c. If negative then veterinarian needs to see lesions before medications are prescribed.

*ALL EXAM FINDINGS AND MEDICATIONS NEED TO BE PUT INTO THE RECORD.*